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ABSTRACT

A selected reference list is presented of 94 source publications of interest to architects contemplating employing systematic methods in the execution of professional services involving planning, programing, and design. The publication is divided into four major topical areas--(1) architectural design, (2) design (general), (3) decision making, and (4) planning. Each citation is followed by a listing of descriptors which are selected to describe the subject elements of each document. (TC)

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SYSTEMATIC METHODS

IN

SCHOOL PLANNING, PROGRAMING, AND DESIGN

A Selected Bibliography

January 1970

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INTRODUCTION

The following is a Selected Reference List of source publications of interest to architects contemplating employing systematic methods in the execution of professional services involving planning, programing, and design. The listing has been prepared by the Educational Resources Information Center (ERIC) Clearinghouse on Educational Facilities located at the University of Wisconsin, Madison, Wisconsin, funded by the U. S. Office of Education.

Each citation identified is followed by an alphabetical listing of descriptors which were selected to describe the subject elements of each document. Major descriptors are the most important descriptors assigned to a given document and are identified by an asterisk. The descriptors used throughout this bibliography are part of the Thesaurus of ERIC Descriptors, which is used for indexing, storing, and retrieving documents handled by the ERIC system.

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SYSTEMATIC METHODS
OF
ARCHITECTURAL DESIGN

(Architectural Programing; Architecture; Building Design; Decision Making; Design; Design Needs; Methods; Programing; School Design; Systems Approach)

Alexander, Christopher, Sara Ishikawa, and Murray Silverstein. A Pattern Language Which Generates Multi-Service Centers. Berkeley, Calif.: Berkeley Graphic Arts, 1968. 238 pp.

*Architecture; *Building Design; *Language; *Public Facilities; *Specifications; Organization; Physical Design Needs; Problem Solving

Alexander, Christopher. "The Theory and Invention of Form," Architectural Record, 137 (April 1965), 177-186.

*Architectural Programing; *Design; *Design Needs; *Methodology; *Theories; Architecture; Decision Making; Organization; Problem Sets; Systems Analysis; Systems Approach

Alexander, C., V. M. King, S. Ishikawa, M. Baker, and P. Hyslop. "Relational Complexes in Architecture," Architectural Record, 140 (September 1966), 185-190.

*Decision Making; *Design; *Facility Requirements; *Problem Sets; *Relationship; Architectural Programing; Interaction; Physical Design Needs; Psychological Design Needs; Systems Analysis

"Architecture and the Computer," in Boston Architectural Center Conference Proceedings. Boston, Mass.: Boston Architectural Center, 1964. 60 pp.

*Architecture; *Computers; *Methods; *Physical Environment; *Planning; Bibliographies; Computer Programs; Data Processing; Design; Engineering Graphics

Bloomfield, Byron C., and Howard E. Wakefield. Basis for Design Development. Facilities Programming for a New Senior High School in the City of Green Bay. Document EF 002 510 is available from the ERIC Document Reproduction Service, The National Cash Register Company, 4636 Fairmont Avenue, Bethesda, Maryland 20014. 1968. 46pp.

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*Architecture; *Design; *Methods; *Planning; *Systems Approach; Evaluation; Evolutionary Techniques; Feedback; Sequential Approach

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*Bibliographies; *Factor Analysis; *Operations Research; *Systems Analysis; Game Theory; Mathematical Models; Planning; Simulation

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*Bibliographies; *Decision Making; *Operations Research; *Systems Approach; Management; Planning

Uses and Limitations of Systems Analysis.
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SYSTEMATIC METHODS

OF

PLANNING

(Campus Planning; City Planning; College Planning; Community Planning; Decision Making; Educational Planning; Master Plans; Planning; Prediction; Site Analysis; Space Utilization; Systems Analysis)

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*City Planning; *Community Planning; *Land Use; *Set Theory; Architecture; City Demography; City Problems; Physical Environment; Visualization

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*Facility Inventory; *Higher Education; *Models; *Research Methodology; *Space Utilization; Capital Outlay; Educational Administration; Educational Finance; Educational Planning; Physical Facilities

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